

NCS DATA LOAD PROCEDURE

1. VERIFY TIME CONSTRAINTS FOR DATA LOAD

NOTE

1. Determine if the Load requires a continuous uplink session or can be done with ZOE's.
2. Verify if the selected communications path supports performing the load in a reasonable amount of time for the MDM checksum safing response to be disabled.

2. LOG MDM CHECKSUMS

sel Software Health
record CSCI Version ID _____

DNAV

3. SELECT LOAD IMAGE FILE TO UPLINK

Command Inventory: Data Load Preparation

Data Load Preparation

sel Select Load File

Navigate to the load image file you want to uplink.

If load image file is a PPL

√Version - is correct version

NOTE

The user must select the proper version of the load image file. There will be separate files for loads to DRAM and EEPROM. For PPLs there is only one file. For Adaption data there may be multiple files for a single update. For Software loads there may be only one large file.

√Destination Device (N1-1, N1-2, N1 Primary, N1 Secondary)

If load is to DRAM

| √Memory Location - DRAM

If load is to EEPROM

| √Memory Location - EEPROM

√Start Address

Should correspond to the address specified in the VDD.

√Word Count

Should correspond to the size specified in the VDD.

Optional

√Metering Rate

Should be 1.00 for OIU cmd path, .67 for Early Comm.

Input Priority (None, High, Urgent, Critical)

Input Uplink after (time to uplink data load after)

Input Uplink by (time to perform uplink by)

Input Remarks (Remarks to FMT Manager)

sel Submit to FMT

DVIS 4. COORDINATION WITH THE FMT MANAGER
Call ODIN on the FMT DVIS loop to coordinate Uplink request.
ODIN will perform MDM configuration and uplink of data load.

CDDT 5. VIEWING LOAD STATUS
Node 1: C&DH: Primary(Secondary) MDM
NODE 1: C&DH: MDM:Primary(Secondary)

√Frame Count - incrementing

MDM is operational.

NOTE

Checksum errors may occur during the load process.

sel MDM BIT Status

√BST A word # 24 - X

√BST A word # 2 - X

DNAV

Uplink Manager

Uplink FMT Manager

√FMT_Load_Status 100% complete

Record Data Load Commands _____

6. MAKING DATA LOAD PERMANENT
Repeat this procedure if also loading to EEPROM.